# CUTTING-EDGE MANAGEMENT AND SOLID RELIABILITY AT A DESKTOP PRICE

## THINKSERVER™ TS200v, TOP REASONS TO OWN

- FIRST SERVER IN INDUSTRY WITH "ALWAYS-ON" REMOTE MANAGEMENT LEVERAGING INTEL® AMT 6.0 SERVER COMPONENTS DESIGNED FOR 24X7 OPERATIONS
- ULTRA QUIET AND ENERGY-EFFICIENT
- EXCEPTIONAL VALUE

## THE LENOVO® THINKSERVER TS200v

Offered at a desktop price, the ThinkServer TS200v is an ideal entry single processor server for small businesses, corporate branch offices and Managed Service Providers (MSPs). It is a perfect solution for businesses looking for a reliable server, which is easy to setup and manage and is energy-efficient to reduce operational costs. Together with award winning support, services and the latest Intel® Server platform, the TS200v provides high productivity and the peace of mind that comes from owning a true server.

The TS200v is the first server in the industry to incorporate Intel® Active Management Technology (AMT), which provides businesses with integrated remote management capabilities, unheard of at this price. Now businesses can reduce IT costs and increase employee productivity, without compromising on data security. Designed for 24x7 operations, the reliable TS200v is ideal for file sharing, printing and critical application services. With solid performance in mind, the TS200v includes the latest Intel® Core™ i5 series processors, offering Turbo Boost and Hyper-Threading technologies to complete workloads faster and more efficiently.

Today's growing businesses require servers that offer rapid deployment capabilities with minimal IT support and provide reliable data integrity and performance. With built-in RAID support and Error Correction Code (ECC) memory, the TS200v offers enterprise-class reliability to protect your critical business data. Hence, your business can focus on growth rather than worrying about unexpected downtime. The AMT-based remote management technology successfully monitors health of the server and issues alerts, thus eliminating the dependency on costly on-site IT support. This technology fits seamlessly into existing MSP support infrastructures.

Businesses can now reduce the cost of service upgrades and power consumption with remote turn-on and turn-off capabilities. Due to its efficient cooling and ultra-quiet operation, this server can now be placed with existing systems in the office without additional costs on infrastructure. As part of Lenovo's green initiative, the TS200v complies with industry-leading environmental standards such as ENERGY STAR® Server 1.0, Climate Savers®.

High reliability and secured manageability features make the TS200v server an extremely attractive solution for your business.

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# HIGH RELIABILITY AND SECURED MANAGEABILITY FEATURES

## EXCEPTIONALLY RELIABLE

The ThinkServer TS200v:

- Comes with Intel® Celeron®, Pentium® and Core™ i3 and i5 series processors offering Turbo Boost and Hyper-Threading technologies
- Offers multi-bit Error Correction Code (ECC) memory
- Supports RAID 0/1 for critical data protection
- Maintains server availability by proactively identifying potential health issues and automatically sending alerts

## EASILY MANAGEABLE

The ThinkServer TS200v:

- Is the only server to offer Intel® AMT
- Easily integrates into existing AMT ecosystems of MSPs
- Manages server uptime by proactively identifying potential issues and securely sending health alerts. This enables better management of business productivity
- Reduces IT dependencies through "Always-on Remote Server Management". This includes Remote KVM, remote power on/off and the ability to deploy critical patch updates after hours

## ENVIRONMENTALLY FRIENDLY

The ThinkServer TS200v supports:

- ENERGY STAR® Server 1.0
- Climate Savers® (80+) Computing Initiative (85% efficient power supply unit)
- Built with 65% recycled plastics
- RoHS Compliant
- Cool and quiet operation

# SERVICE OFFERINGS

## BASE WARRANTY

- 1 year on-site
- 3 year on-site

## WARRANTY EXTENSIONS

- 3/5 year on-site 9x5 Next Business Day (NBD) (if purchased during warranty period)

## UPGRADE SERVICE LEVEL[1]

- 4-hour on-site service response
  - » 3/5-year on-site 9x5 – 4 hour
- ThinkPlus™ Priority Support
  - » 3-year ThinkPlus Productivity (Priority + Online Training + Installation)
  - » 3/5-year ThinkPlus Priority
  - » 3/5-year ThinkPlus Priority 4 (24x7x4-hour response)
  - » 3/5-year ThinkPlus Priority with Hard Disk Drive Retention
  - » 3/5-year ThinkPlus Priority 4 (24x7x4-hour response) with Hard Disk Drive Retention

## VALUE-ADDED SERVICES**

- Lenovo Online Backup – a secure, online location to backup 25, 50 or 100 GB of valuable business data
- On-site Server HW Installation Service
- Online Training – diagnostics, trouble-shooting and managing your server
- Lenovo Professional Services – migration, security, continuity, virtualization and system management

1 The 4-hour service is available in select cities only
** Availability may vary by country

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# THE LENOVO® THINKSERVER™ TS200v SPECIFICATIONS

## MODEL NAME – TS200v

### Processor
- Intel® Core™ i5-670 (3.46GHz / Dual Core /1333 MHz FSB / 73W / Integrated Graphics)
- Intel® Core™ i5-660 (3.33GHz / Dual Core /1333 MHz FSB / 73W / Integrated Graphics)
- Intel® Core™ i5-650 (3.20GHz / Dual Core /1333 MHz FSB / 73W / Integrated Graphics)
- Intel® Core™ i3-540 (3.06GHz / Dual Core /1333 MHz FSB / 73W / Integrated Graphics)
- Intel® Core™ i3-530 (2.93GHz / Dual Core /1333 MHz FSB / 73W / Integrated Graphics)
- Intel® Pentium® G6950 (2.80GHz / Dual Core / 1066 MHz FSB / 73 W / Integrated Graphics)
- Intel® Celeron® G1101 (2.26GHz / Dual Core / 1066 MHz FSB / 73W / Integrated Graphics)

### Supported Operating Systems
- Windows Server® 2008 Foundations R2
- Windows Server® 2008 Standard Edition R2
- Windows Server® 2008 Enterprise Edition R2
- Windows Server® Small Business Server 2008 Standard (SP2)

### Ethernet
- Single Gigabit Ethernet

### Storage Bays
- Up to two 3.5" SATA HDDs, non hot-swap, cabled

### PCI Slots
- 1 - PCIe x 16 slots
- 1 - PCIe x 1 slot
- 2 - PCI slots

### Chipset
Intel® 3450 chipset offers support for:
- Intel® AMT 6.0
- Intel® Rapid Storage Technology (RST) 9.5
- Intel® AT-p (TDT)
- Intel® Quiet System Technology
- Integrated MAC
- Integrated Graphics Support with PAVP 1.5

### Memory
- DDR3 unregistered DIMMs
- 4 uDIMM slots

### Green Server
- ENERGY STAR® Server 1.0
- Climate Savers®
- Cool and quiet operation
- Built with 65% recycled plastics

### Raid
- SATA RAID 0,1

### Optical Drives
- DVD-ROM
- DVD-RW

### I / O Ports
- 10 x USB 2.0 (2 front, 6 rear, 2 internal)
- 1 x DB9 COM Port (rear)
- 1 x DB-15 VGA Connector (rear)
- 1 x Display Port (rear)

### Management
- Intel® Active Management Technology 6.0 (AMT™) available with Intel® Core™ i5 processors
- Standard Management available with Intel® Celeron®, Pentium® and Core™ i3 processors

### Power
- One fixed non-hot plug, non-redundant 280W

### Physical
- H = 14.65" (372 mm)
- W = 6.89" (175 mm)
- D = 16.34" (415 mm)
- Max.Weight = 11.2 Kgs / 24.7 lbs

### Form Factor
- Tower

### Machine Type
- 0981, 0992

### Noise level
- Idle: 24 dB
- Operating: 28 dB

# THE LENOVO® THINKSERVER™ TS200v OPTIONS

**DDR3 Memory:**

**ThinkServer DDR3-1333Mhz Memory**
- 67Y1387 1GB 1Rx8 uDIMM
- 67Y1388 2GB 2Rx8 uDIMM
- 67Y1389 4GB 2Rx8 uDIMM

**Features**
- DDR3 Error Correcting Code (ECC)
- Low-Cost
- High Performance

**SATA II 7.2K RPM Hard Drives:**

**ThinkServer SATA II Hard Drives**
- 67Y1400 250GB 7.2K Cabled 3.5-inch SATA HDD
- 67Y1401 500GB 7.2K Cabled 3.5-inch SATA HDD
- 67Y1402 1TB 7.2K Cabled 3.5-inch SATA HDD

**Features**
- Enterprise Class Reliability

**Gigabit Ethernet Networking:**

**Lenovo Ethernet Adapter**
- 67Y1393 Lenovo PRO/1000 PT Dual Port Ethernet Adapter by Intel®

**Features**
- Gigabit Ethernet ports for a high performance solution

**RDX Backup and Data Deduplication Software:**

**Lenovo RDX Solutions**
- 67Y1394 160GB Internal USB RDX Bundle
- 67Y1396 320GB Internal USB RDX Bundle
- 67Y1398 500GB Internal USB RDX Bundle
- 67Y1395 160GB RDX Data Cartridge
- 67Y1397 320GB RDX Data Cartridge
- 67Y1399 500GB RDX Data Cartridge

**Features**
- Server Centric Software that takes advantage of MS Exchange and SQL DB
- Data Deduplication that reduces data storage required by 20X
- Rugged and Reliable Data Cartridges for a flexible solution

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